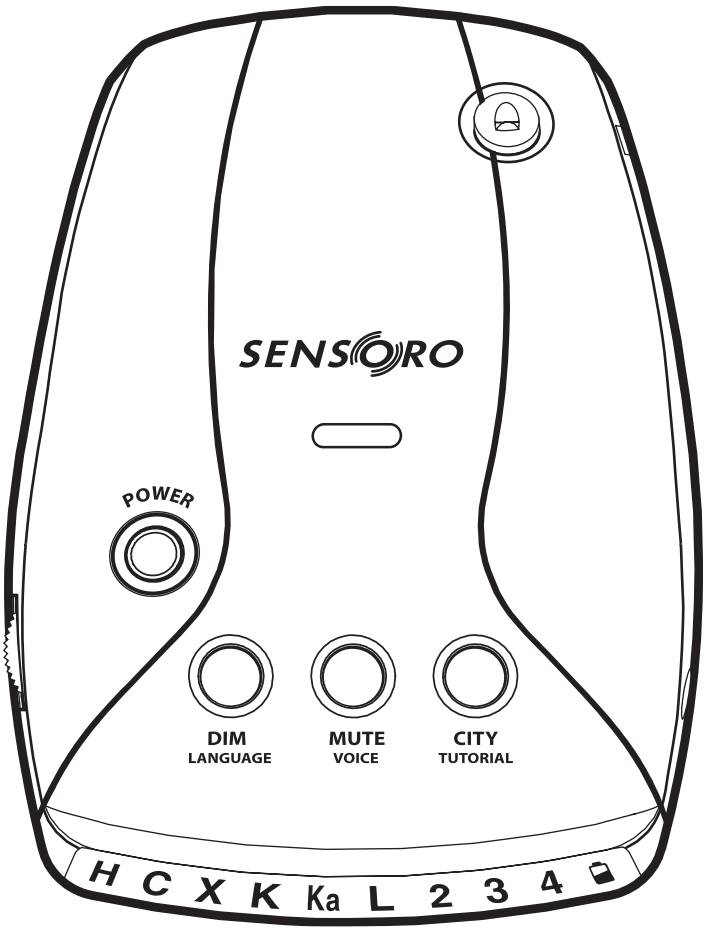
OPERATION MANUAL



SENSORO

TRAVELLER II

TALKING | CORDLESS | RADAR/LASER | DETECTOR

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CONGRATULATIONS!

You have acquired the SENSORO TRAVELLER II from PNI Corporation, the first cordless radar/laser detector speaking in English and Spanish. The SENSORO TRAVELLER II incorporates the advanced new antenna technology and extremely low power-consuming circuitry to ensure top-class performance and satisfactory battery power management.

Features

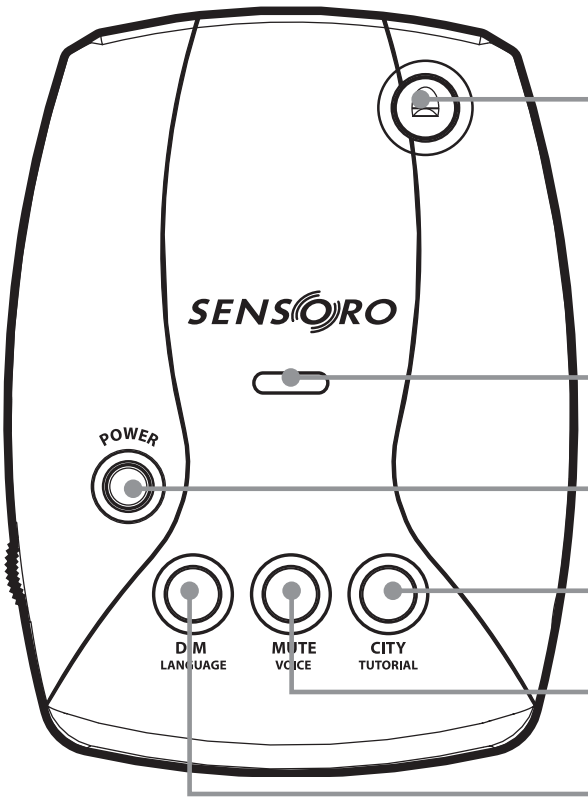
- PROTECTION against all radar bands (X, K, and superwide Ka)
- 360° LASER COVERAGE against all laser guns
- INVISIBLE to VG-2 radar detector sensing device
- THREE SEPARATE CITY MODES (C, C2, and C3) in addition to highway mode to virtually eliminate false radar alerts
- ADDITIONAL CITY MODE (C4) to delete X-band reports and eliminate most false radar alerts
- USER SELECTABLE brightness and mute on/off
- USER SELECTABLE voice alert language and voice on/off
- SEPARATE POWER on/off button and volume control wheel
- LED-BACKLIT text display
- TUTORIAL MODE to demonstrate operations
- MEMORY to retain previously set operational modes after power-off
- CORDLESS POWER connection (two AA batteries included)
- CORDED POWER connection into 12-volt car lighter socket (power cord included)
- BILINGUAL voice alerts in English and Spanish

PACKAGE CONTENTS

Your SENSORO TRAVELLER II package includes the following components:

- The SENSORO TRAVELLER II talking cordless radar/ laser detector
- Two AA batteries
- Coiled 12-volt DC power cord
- Windshield mounting bracket with suction cups (two each) and bumper
- Operation manual

IDENTIFYING PARTS OF THE UNIT



Top Laser Receiver

Mounting Guide

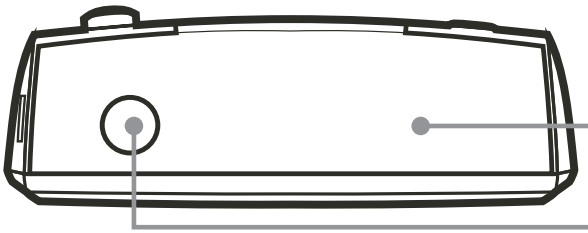
POWER Button

CITY/TUTORIAL Button

MUTE/VOICE Button

DIM/LANGUAGE Button

Top



Radar Receiver

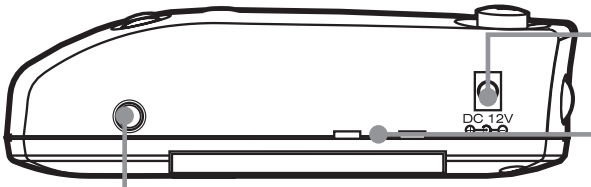
Front Laser Receiver

Back

LED Display

Front

IDENTIFYING PARTS OF THE UNIT

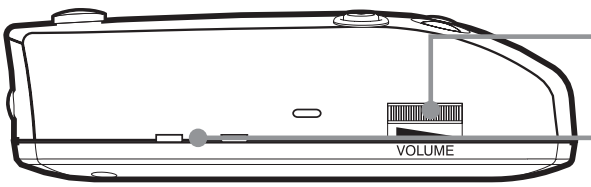


Power Cord Input Jack

Mounting Slots

Auxiliary Audio Jack

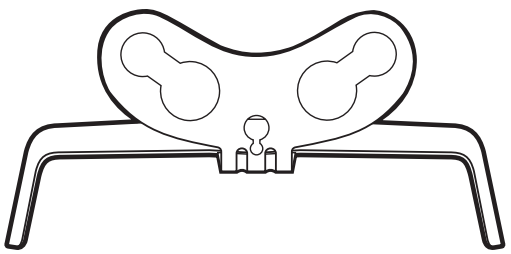
Right Side



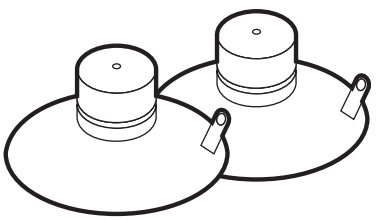
Volume Control Thumb Wheel

Mounting Slots

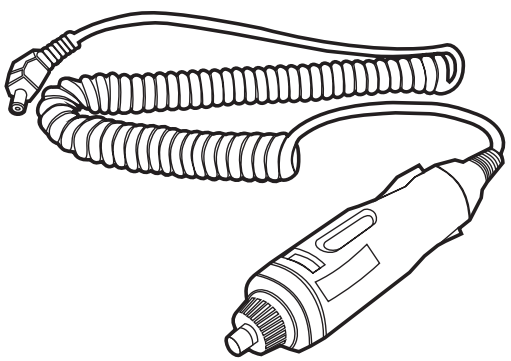
Left Side



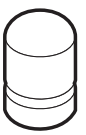
Mounting bracket



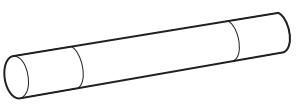
Suction cups



Power cord



Bumper



Fuse

PRE-OPERATING INFORMATION

You can use the SENSORO TRAVELLER II with your hands-free ear piece or amplified speakers by connecting your ear piece or speakers to the auxiliary audio jack of the unit. You must have an ear piece or speakers with a 2.5mm (1/10″) plug. If you have an ear piece or speakers with different sized plug, use a 2.5mm adapter between the plug and the jack. Please note that we do not provide ear pieces, speakers, or 2.5mm adapters.

The SENSORO TRAVELLER II is designed to operate on two AA alkaline batteries. To ensure maximum performance, we advise that you should not use other battery types. You may use AA alkaline rechargeable batteries. However, the resulting battery life will be extremelly short because of characteristics of rechargeable batteries.

Do not leave the SENSORO TRAVELLER II exposed to extreme heat like strong sunlight. It can damage the unit and battery.

Battery installation

1. Remove the battery compartment door at the bottom of the unit when the unit is powered off.
2. Remove any old batteries (both batteries must be replaced at the same time.).
3. Press down two fresh AA alkaline batteries into place, observing the polarity indication inside the battery compartment.
4. Replace the battery compartment door.
5. Turn the unit on to verify correct battery installation.

PRE-OPERATING INFORMATION

Battery life

The SENSORO TRAVELLER II can provide approximately 30~40 hours of battery life from two AA alkaline batteries. Battery life is affected by many variables like the conditions and brand of battery, the ambient temperature, the number and strength of engaged signals, the duration of reported alerts, the user interface mode you select, etc. The approximate battery life we quote is based on our aging tests in a shielded laboratory. Your specific conditions and the way you use the SENSORO TRAVELLER II will result in different battery life.

The SENSORO TRAVELLER II provides voice announcements when function buttons are used, so that you can know which function was actually activated. However, for the purpose of extended battery life, the SENSORO TRAVELLER II was designed to give voice announcements only for the secondary functions (language, voice, and tutorial) of each button which will be less frequently used than the primary functions (city, dim, and mute).

Low battery life indication

The SENSORO TRAVELLER II has a separate low battery indication LED. It intermittently blinks with warning alarms from the moment when there is about two to four hours of remaining battery life.

Always keep the power cord (included in the package) at the glove compartment of your vehicle and connect power to the SENSORO TRAVELLER II from your vehicle until you replace old batteries. This way you can drive with the SENSORO TRAVELLER II always on.

Auto power-off

In the event that you forget to turn off the SENSORO TRAVELLER II when you leave your vehicle, the SENSORO TRAVELLER II has an automatic power-off feature to conserve battery life. The SENSORO TRAVELLER II will automatically shut off when no signals are detected for approximately 45 minutes. An obtrusive audio and visual warning will confirm that the auto power-off is about to happen. You can cancel auto power-off by pressing any button while the audio and visual warning is being displayed.

Turn off the SENSORO TRAVELLER II whenever you leave your vehicle. Even a weak signal can cause the SENSORO TRAVELLER II to remain on and drain your batteries.

INSTALLING THE UNIT

Mounting guidelines

The SENSORO TRAVELLER II can be mounted on your windshield using the mounting bracket included in the package.

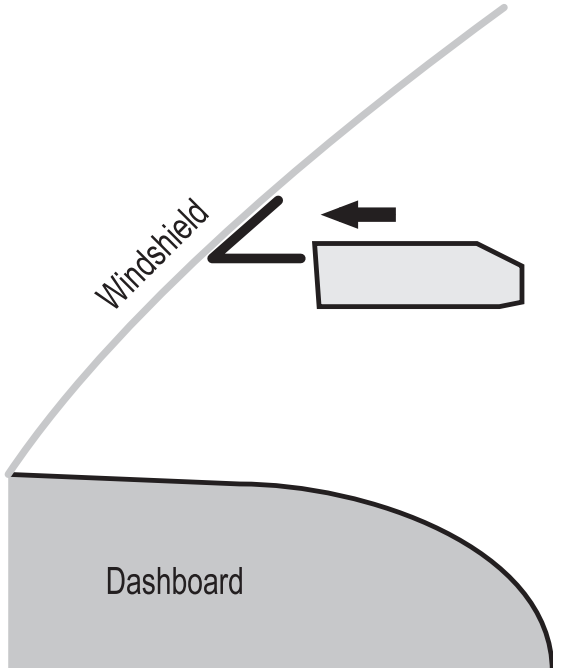
- Mount on the windshield in a centered location that will not obstruct the view of the driver and is within reach, so the buttons can be easily accessed.
- Do not mount behind windshield wipers, metal surfaces, ornaments, or mirrored sunscreen glass, as these affect radar/laser signals. Tinted glass does not affect radar/laser signal reception.

Conceal the SENSORO TRAVELLER II when you leave your vehicle to prevent theft and to minimize the unit's exposure to extreme temperatures, which can temporarily impair performance.

INSTALLING THE UNIT

Windshield mounting

1. Install the suction cups and bumper onto the windshield mounting bracket by sliding them into their holes (if not pre-installed).
2. Press the bracket base firmly against the windshield until the suction cups securely take hold.
3. Slide the unit up to the bracket until the bracket arms click into the slots on both sides of the unit.



4. Bend the angle of the windshield mounting bracket, if necessary, to adjust for best viewing and detection angle.
5. When you want to connect power from your vehicle, plug the small connector of the power cord into the 12-volt DC power input jack located on the side of the detector.
6. Plug the large adapter of the power cord into the lighter socket of your vehicle.

RADAR OPERATION

Power on

Press the **POWER** button. The SENSORO TRAVELLER II goes through a self diagnosis sequence and displays the last mode previously set in memory.

Functions and modes

Volume control

Use the volume thumb wheel, located on the side of the SENSORO TRAVELLER II, to adjust volume level.

Display brightness control (dim mode)

Press the **DIM** button repeatedly for less than two seconds each time to toggle between the three levels of brightness modes: ***bright, dim,*** and ***dark.***

⚠ *Dim mode reduces the brightness of the display. When a signal is detected, alerts are displayed in full brightness, regardless of dim mode. Then the display returns to the previously selected dim setting.*

Mute on/off selection (mute mode)

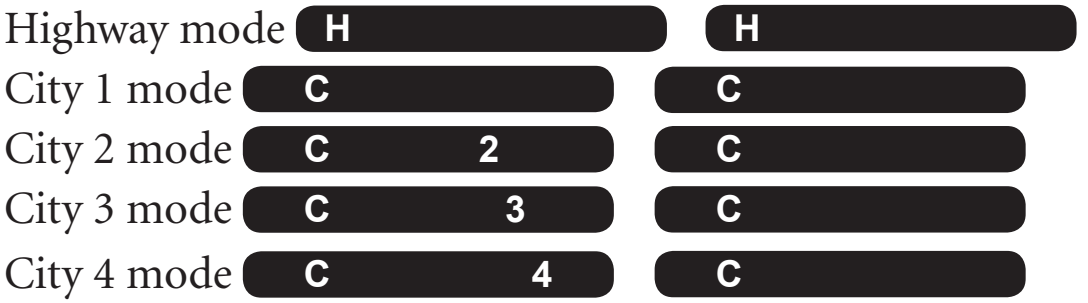
Press the **MUTE** button repeatedly for less than two seconds each time to toggle between ***mute on*** and ***mute off.***

⚠ *Only audio alerts are not reported in mute mode. Visual and voice alerts are still provided in mute mode.*

⚠ **Mute on** *can't be selected while* ***voice off*** *or X Band* ***voice off*** *is activated.*

Highway/city mode selection

Press the **CITY** button repeatedly for less than two seconds each time to toggle through five signal sensitivity modes. They are highway, city 1, city 2, city 3, and city 4. Each mode is indicated by blinking "H" or "C" LED, with or without a numbered LED. For city 2, 3, and 4 modes, the SENSORO TRAVELLER II takes turns blinking "C" LED and a numbered LED all together 3 times and keeps blinking "C" LED alone. See following illustrations:



X-band, occupied by police radar, is also shared for other uses, such as automatic door openers like the ones used at supermarkets, burglar alarms, terrestrial microwave emission, and other devices. In addition, other radar detectors in close proximity may falsely alert your detector. To reduce false alerts, the SENSORO TRAVELLER II has four city filtering settings. Each move (from highway to city 1, city 1 to city 2, city 2 to city 3) will give you the rejection of X-band alarms by approximately 20%.

City 4 will have the SENSORO TRAVELLER II not report X-band radar signals at all. For best protection from all radar bands, always drive in highway mode. However, for maximizing your battery life with best protection from K- and Ka-band, drive in city 4 mode.

Language selection (English and Spanish modes)
Press the **LANGUAGE** button repeatedly for more than two seconds to toggle between ***English*** and ***Spanish mode.*** You can always choose either English or Spanish mode for your voice alert system.

Voice on/off selection (voice mode)
Press the **VOICE** button repeatedly for more than two seconds to toggle between ***voice on***, ***voice off, and X Band voice off.*** When you drive with voice off or X Band voice off, you will not be alerted by corresponding voice messages, but you can extend your battery life as much as the expected power saving for rejected voice reports.

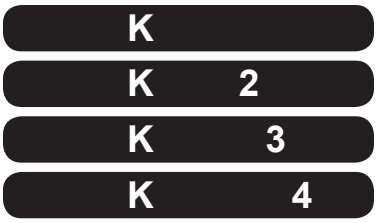
Tutorial mode
The SENSORO TRAVELLER II has a tutorial mode intended to familiarize you with the various visual displays and distinct audible alerts the unit performs. Perform the following steps to begin the tutorial mode:

1. Press and hold the **TUTORIAL** button for more than two seconds and the SENSORO TRAVELLER II enters the tutorial mode after it beeps and displays in the following order:

RADAR OPERATION

X-band detected operation:

K-band detected operation:



Ka-band detected operation:

Laser band detected operation:

All LEDs on:

The numbered LEDs are called signal strength meters when they are used to indicate how strong a signal being detected is. As a signal strength meter they are always displayed together with a radar band LED (X, K, or Ka). The higher the number, the stronger the radar signal. When the numbered LEDs blink together with "C" LED, they indicate the level of the city mode you've set.

2. Press any button to exit the all-LEDs-on status, that is the end of tutorial mode.

Your SENSORO TRAVELLER II uses the same audio alarms and visual displays as for the tutorial mode when it detects signals and reports alerts.

Invisible to radar detector detectors

VG-2, the radar detector *detector*, is the interceptor used by law enforcement officers to identify vehicles equipped with radar detectors in instances and locations where they are not legal (such as in vehicles over 10,000 pounds or in Virginia and Washington D.C.). The VG-2 interceptors work by detecting emissions generated by radar detectors within a certain frequency range. The SENSORO TRAVELLER II operates on a frequency outside of this range. So it's ***invisible to*** as well as ***undetectable by*** the radar detector sensing device.

Band identification

The SENSORO TRAVELLER II notifies you of the type of signal it receives (X, K, Ka, and Laser) by using different audio, visual, and voice alerts for each band. When an instant-on monitoring signal is detected, the instant-on audio alert is activated first and the display shows X-, K-, or Ka-band alerts.

An "instant-on" alert signal is not another radar band, but is a means by which an officer triggers the radar gun on and off in usually less than two seconds.

CARE AND MAINTENANCE

Here are some tips to help you care for your SENSORO TRAVELLER II:

- To deter theft, remove your SENSORO TRAVELLER II from your windshield when you leave your vehicle.
- Avoid extended exposure to direct sunlight. Remove your SENSORO TRAVELLER II from your windshield when your vehicle is parked for an extended period of time. On hot days the temperature inside your vehicle can reach levels that could damage your SENSORO TRAVELLER II.
- Do not expose the SENSORO TRAVELLER II to rain, moisture, spray cleaners, or liquids that could damage the internal circuitry of the detector.

Fuse replacement

The lighter socket adapter of the power cord has a replaceable 2-Amp SAG fuse located below the silver tip. To check or replace the fuse, ***slowly*** and ***carefully*** unscrew the tip of the plug, making sure the spring and silver tip located inside the plug do not fly out when you remove the cap. Check fuse and replace if necessary.

Your SENSORO TRAVELLER II is designed for reliable service. However, if you encounter a problem, refer to the ***Troubleshooting*** section that follows before making a service call.

TROUBLESHOOTING

The SENSORO TRAVELLER II does not power up when powered from batteries.

- Check and replace batteries.

The SENSORO TRAVELLER II does not power up when powered from the vehicle.

- Check all power cord connections.
- Check fuse in lighter socket adapter and replace if necessary.
- Check lighter socket. Clean if dirty.
- Check your vehicle's fuse panel. (Refer to your vehicle's manual.)

The SENSORO TRAVELLER II did not alert when passing an officer.

- Not all police cars have radar/laser detectors, or it may not be in use at that time.

The SENSORO TRAVELLER II shows erratic or frequent alerts.

- Use one of the city modes.

TROUBLESHOOTING

The SENSORO TRAVELLER II shows partial or no display.

- Disengage dim mode and set the unit to bright display.

The SENSORO TRAVELLER II does not give alerts early enough.

- Set the unit to highway mode.
- Make sure the unit is level to the road.
- Make sure the radar window and the top laser receiver are not obstructed. Move the SENSORO TRAVELLER II if necessary.

SPECIFICATIONS

Radar

Receiver type:	Dual conversion superheterodyne
Antenna type:	Linear polarized, self-contained
Detector type:	Scanning frequency discriminator
Frequency operation:	X-band; 10.525 GHz ±50 MHz K-band; 24.150 GHz ±100 MHz Ka-band (superwide); 34.700 GHz ±1,300 MHz Safety radar; 24.100 GHz

Laser

Receiver type:	Pulsed laser signal receiver
Detector type:	Digital signal processor pulse width discriminator
Optical sensor:	Dual convex condenser lens and high speed photo diode detector

General

Temperature range:	-4°F to 140°F (-20°C to 60°C)
Power requirements:	12V to 16V DC, 120 mA, negative ground or two AA alkaline batteries
Dimensions:	1.30″ H x 3.31″ W x 4.50″ L
Weight:	5.50 ounces with two AA alkaline batteries

Specifications are typical, individual units may vary. Specifications are subject to change without notice. Performance may vary with driving behaviors and driving environments.

SERVICE AND REPLACEMENT

For fastest service, contact or return your SENSORO TRAVELLER II to the place of purchase. If you wish to return the unit for replacement or repair to PNI Corporation, please follow the following procedures:

1. Products returned to PNI must be pre-authorized by PNI with an RMA (return material authorization) number marked on the outside of the package. Obtain an RMA number by contacting PNI Corporation:
   - By phone: 1 (888) 422-6672 (toll-free in the U.S. only) or at (707) 566-2260
   - By fax: (707) 566-2261
   - By e-mail: returns@pnicorp.com
2. Provide a proof of purchase, such as a mechanical reproduction or carbon copy of a sales receipt. If you send your original receipt, it cannot be returned. Proof of purchase must show printed date of purchase, model number, and place of purchase. Once you have acquired an RMA number, pack the unit securely to prevent damage in transit. If possible, use the original packing material and box. Be sure to send the entire product.
3. Ship prepaid and insured by way of a traceable carrier such as United Parcel Service (UPS) or First Class Mail to avoid loss in transit.

4. With the issued RMA number written on the outside of your package, send your proof of purchase and description of the problem to the following address:

   PNI Corporation
   133 Aviation Boulevard, Suite 101
   Santa Rosa, CA 95403-1077

5. Type or print your name and address where the replacement should be delivered. After receipt of your documents and unit, a replacement unit will be sent to you. The unit will be automatically replaced and not repaired. Please allow two to three weeks from receipt of your returned product to delivery of your replacement.

Traveller II Series
QJ3-IFS-11477

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

In addition, any changes or modifications to this product, which are not expressly approved by PNI Corporation in writing, could void the user's authority to operate this product.

WARRANTY INFORMATION

LIMITED WARRANTIES; LIMITATION OF LIABILITY
For Sensoro radar detectors, model Traveller II

PNI Corporation ("PNI") manufactures its products from parts and components that are new or equivalent to new in performance and warrants to the original user that this product will be free of defects in workmanship and materials for one (1) year from the date of purchase.

This warranty does not cover wear and tear due to normal use, or damage to the product as the result of improper usage, neglect of care, alteration, accident or unauthorized repair.

If the product is found by PNI to be defective, PNI's entire liability and your exclusive remedy for breach of warranty shall be that PNI will repair or replace the product and return the product or its replacement to you at no charge, provided that you ship the product to PNI at your expense with a description of the defect and subject to the other conditions of this warranty. Should the product prove to be irreparable, PNI may substitute an equivalent product of the same or similar style and of a value not in excess of the original purchase price of your instrument.

PNI warrants the repaired or replacement product to be free from defects in material and workmanship on the same terms as the product originally purchased.

This warranty will be void if the products, serial number or other identification marks have been defaced, damaged or removed. This warranty does not cover wear and tear due to normal use, or damage to the product as the result of improper usage, neglect of care, alteration, accident or unauthorized repair, nor does this warranty apply to the battery necessary to operate the product.

This warranty is extended to the original retail purchaser only and may not be transferred or assigned to subsequent owners. In order to validate your warranty, you must provide proof of purchase acceptable to PNI together with the product shipped for warranty repair/replacement.

WARRANTY INFORMATION

Products returned to PNI must be pre-authorized by PNI with an RMA (return material authorization) number marked on the outside of the package. Please refer to the Service and Replacement section for PNI Corporation contact information.

THE FOREGOING WARRANTY IS GIVEN IN LIEU OF AND PNI DISCLAIMS ALL OTHER WARRANTIES OR REPRESENTATIONS, EXPRESSED OR IMPLIED, IN FACT OR IN LAW, WITH RESPECT TO THIS PRODUCT, INCLUDING, BUT NOT LIMITED TO, (1) THE IMPLIED WARRANTIES OF MERCHANTABILITY AND OF FITNESS FOR A PARTICULAR PURPOSE, OR (2) THAT USE OF THE PRODUCT WILL BE UNINTERRUPTED AND ERROR FREE.

PNI shall have no liability for any indirect or speculative damages (including, but not limited to, consequential, incidental and special damages) relating to the use of or inability to use this product, whether arising out of contract, negligence, tort, or under any warranty theory, or for infringement of any other party's intellectual property rights, irrespective of whether PNI had advance notice of the possibility of any such damages, including, but not limited to, loss of use, revenue or profit. In no event shall PNI's total liability for all claims regarding the product exceed the price paid for the product. PNI neither assumes nor authorizes anyone to assume for it any other liabilities.

Some states do not allow the exclusion or limitation of incidental or consequential damages, so the above limitations or exclusions may not apply to you.

NOTES

NOTES

PNI Corporation www.pnicorp.com

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